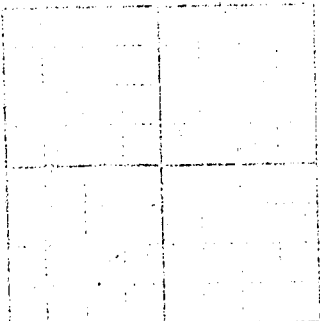


Miss 16197

228870



State of Montana, } ss.
County of Phillips, }

Filed for Record this... 8th day
of Sept. A. D. 1914. at 10:00
o'clock AM, and duly Recorded in Book

Page of
Rosaleen M. Maloney, County Recorder

By.....

Fee \$2.00

Returns.....

person at large may prefer to appear in person at the court
room which is open to the public in the morning and afternoon
of each day and which is situated in the building of the court
house at the corner of the street and the corner of the street

AUG 29 1958

County.....*Phillips*

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

	19	

Location: Sec. 19 T. 23 R. 31 1/4 sec. SESE

rotary

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Industrial ☐ Drainage ☐ Other:

Industrial ☐ Drainage ☐ Other:

Industrial ☐ Drainage ☐ Other:

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type..... Size.....

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations.....

Type of screen or perforations.....

Static Water level, for non-flowing well:feet.

Shut-in pressure, for flowing well:.....lb./sq. in. on:.....

Shut-in pressure, for flowing well:.....lb./sq. in. on:.....

Pumping water level.....feet atgal. per min.....

How tested:.....

Length of test.....

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
 well flows 9 gallons per minute but was not shut in to test pressure

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	70	sandy brown clay
70	120	sandy brown clay
120	135	sand some gravel
135	142	gravel
142	405	bea paw shale
405	409 1/2	rock
409 1/2	433	sandy shale
433	439 1/2	rock
439 1/2	448	sandy shale
448	448 1/2	rock
448 1/2	455	shale
455	470	sandstone
470	505	sandy blue shale
505	505	rock
505	515	sandy blue shale
515	559	sandstone
559	568	rock layer sandstone rock layer at 568
568	592	sandstone rock layer at 592
592	615	sandstone
615	630	sandy blue shale
630	635	better sandstone
635	638	rock layers
638	642	good sandstone
642	645	rock layer
645	657	good sandstone
657	658	rock
658	665	sandstone
665	670	brown shale
670	770	good sandstone
770	800	better sandstone

Misc # 14802

File No. _____

T. 23 N R. 31 E

DUPLICATE

Phillips

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

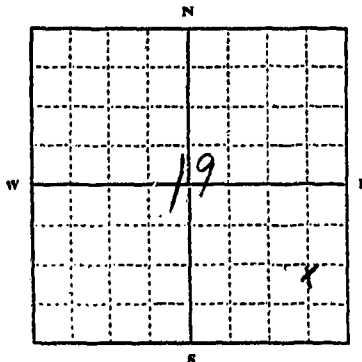
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wiederrick Brothers, of Regina
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4, SE Sec. 19, T. 23 R. 31

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 22, 1947 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flowing well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 22, 1947
8. The depth of water table unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" welded casing for 210 ft.
3" welded casing from 200 to 300 ft.
Perforated casing 339 to 800 ft. 3/16 (drilled) holes
10. The estimated amount of groundwater withdrawn each year 302,400 gallons per year
11. The log of formations encountered in the drilling of each well if available 0 to 120 ft. sandy brown clay,
120 to 142 ft. gravel, 142 to 339 shale, 339 to 800 sandstone
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

12459

Min 15583.

236502

State of Montana,

County of Phillips,

Filed for Record this 20 day
of Dec 1900
o'clock P.M. and duly recorded in book

Rosaline M. Melney
County Recorder

By

Fee 2.00

Return

G1

Approved Stock Form—State Publishing Co., Helena, Montana—27234

File No. _____

T 23 N R 31 E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

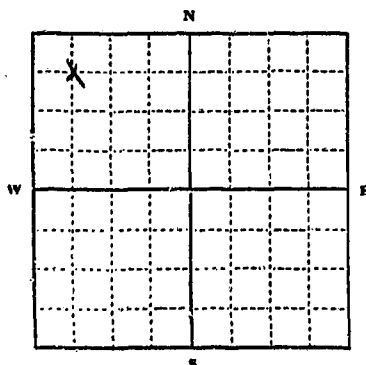
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wiederrick Brothers of Regina
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW Sec. 20, T. 23 N. R. 31 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based house and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flowing well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
8. The depth of water table 640 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater unknown
10. The estimated amount of groundwater withdrawn each year 155,320 gallons per year
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Wiederrick Bros. by Daniel F. Wiederrick
Date December 20, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

12460

Mar 15 584

236503

State of Montana, } ss:
County of Phillips,

Filed for Record this 20 day
of Dec. A. D. 1905 at 4:05
P. M. and duly recorded in Book

Page of
Rosaline M. Matney, Recorder

By.....

For 2.00

Return:.....

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 237 Rge. 33E

[illegible]

33

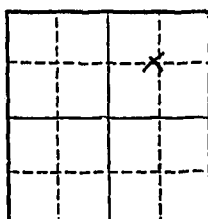
T. 33 R. 33
County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
APR 6 1961

WATER WELL LOG

STATE ENGINEER



Owner J. J. Smith Address Malta, Montana

Driller Simpson Lilling Company Address Malta, Montana

Date Started March 8, 1961 Date Completed March 14, 1961

Location: Sec. 33 T. 33 R. 33 1/4 sec.

Type of well (Dig, driven, bored, or drilled) Equipment used (Hand, air, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 207 ft. Type screw joint Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 140 to ft. 200 Ft. to ft.

Type of screen or perforations drilled 1 inch holes

Static Water level, for non-flowing well: 80 feet feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 150 feet at 6 gal. per min.

How tested: bailer

Length of test: 3 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

two rubber packers were used to have shut off and were placed above the perforations

(over)

Log of Well

[illegible]

Miss # 15079

State of Montana,

County of Phillips,

Filed for Record this 4 day

of. *Cephalopoda* D. 1961. at 1:50

...clocking... M, and duly Recorded in books

[illegible]

100

County Retarder

.....

See-

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File No. _____

T. 23 N R. 33 E

DUPLICATE

County Phillips

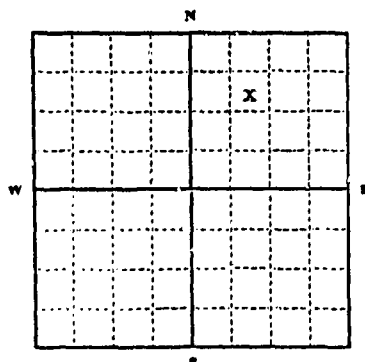
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 27 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, J.J. Smith, of Malta,
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE Sec. 33 T. 23 R. 33

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Mar. 14, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
gas engine & pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Mar. 8, 1961 - Mar. 14, 1961

8. The depth of water table 80 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 4 in. steel casing
207 ft. deep.

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

11. The log of formations encountered in the drilling of each well if available
0-15 brown clay, 15-20 gravel, 20-55 grey shale, 55-56 rock layer, 56-60
shale and sandstone, 60-61 rock layer, 61-140 gray shale, 140-143 rock
layer, 143-200 salt & pepper sandstone, water, 200-207 grey shale.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner /s/ J. J. Smith

Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

34008

Miss. 16083.

237111

Phillips Co.

Filed 12-31-63.

at 11:52 A.M.

Fee * 2.00.

R. V. Maloney
Clerk & Recorder

T. 23 R. 38 34

County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
APR 5 1961

WATER WELL LOG

STATE ENGINEER

X		

Owner J. J. Smith Address Malta, Montana

Driller Robert C. Simpson Address Malta, Montana

Date Started March 2, 1961 Date Completed March 8, 1961

Location: Sec 34 T. 23 R. 38 1/4 sec.

Type of well drilled (Dug, driven, bored, or drilled) Equipment used rotary (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 84 ft. Type screw joint Size 4 inch 9 lb

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 50 to ft. 84 75 Ft. to ft.

Type of screen or perforations drilled 1/4 inch holes

Static Water level, for non-flowing well: 60 feet feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 70 feet at 10 gal. per min.

How tested: bailer

Length of test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

two rubber packers were used above the perforations to make shut off

(over)

Log of Well

[illegible]

Midw^d 15080

228609

State of Montana,
County of Phillips,

Filed for Record this 27 day

of Charles A. D. 1861 at 1:5.

Black - AA and disty. Bordered in front

BOOKS: IV, and only retained in book

Page . . . of . . .

Records
D. A. M. County

100

2

Rec. 7

Return:

File No. _____

T. 23^N R. 33^E

DUPLICATE

County Phillips

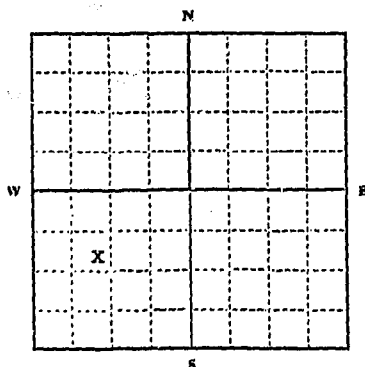
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 27 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. J. Smith, of Malta, (Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE NW 1/4 SW Sec. 34 T. 23 R. 33

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.
Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
Mar. 8, 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
gas pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Mar. 2, 1961—Mar. 8, 1961
8. The depth of water table. 60 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4 in. 9# steel casing, drilled well 84 ft deep
10. The estimated amount of groundwater withdrawn each year. 300,000 gal.
11. The log of formations encountered in the drilling of each well if available.
0-15 brown clay some boulders, 15-22 consolidated gravel, 22-65 green sandstone water in bottom por. sandstone, 65-70 light blue shale some hard streaks some water 70-85 light blue shale.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner. /s/ J. J. Smith

Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

34009

Misc 16084

237112.

Phillips Co.

Filed 12-31-63.

at 11:53 A.M.

Fee \$ 2.00.

R. V. Maloney
Clerk & Recorder.

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 22 N Rge. 26 E

[illegible]

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 22 N Rge. 26 E

[illegible]

File No. _____

RECEIVED

check location News, MaltaT. 22N R. 26E 36

DUPLICATE

JAN 9 1973

County Phillips

Top of Ground

STATE OF MONTANA

(Elev. above sea level)

MONTANA DEPARTMENT OF AGRICULTURE
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

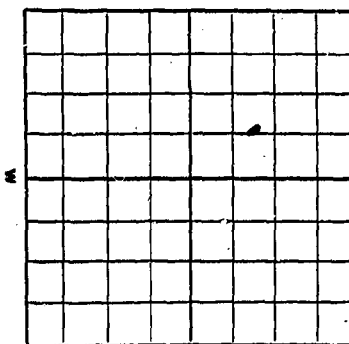
(Under Chapter 237, Montana Session Laws, 1961)

Owner Larry J D Cattle Co Address Zortman, MontanaDriller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water _____

Date well started Sept 1 1972 Date Completed Sept 16, 1972Type of well drilled Equipment used rotary
(dug, driven, bored or Churn, drill, rotary or
drilled) other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐Indicate on the diagram the character and thickness of the different
strata met with in drilling, such as soil, clay, shale, gravel, rock or sand,
etc. Show depth at which water is encountered, thickness and character of
water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size holes	From (Feet)	To (Feet)
6	4" 11#	0	364	3 1/2"	451	727
4	3" 8	355	727			



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well 6 gpm

How Tested _____

Length of Test _____

Remarks: (Gravel packing, cementing,
packers, type of shutoff, location of place
of use of groundwater if not at well, and
any other similar pertinent information,
including number of acres irrigated, if

used for irrigation) _____

cemented 4 inch casing in place1/4 Sec 26 T. 22 N. R. 26
Indicate location of well and
place of use, if possible. Each
small square represents 10
acres.Doc. No. 257007 # 16891

Show exact depth of bottom.

Filed _____

Date 4/11 Jan. _____Time 7:30 _____O'clock PM

15

Driller's License Number

Robert C. Simpson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

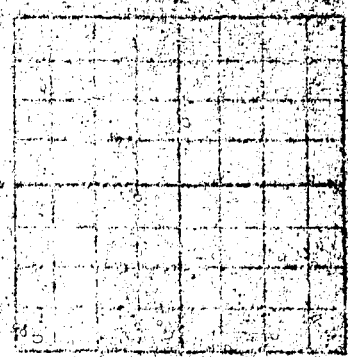
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for Appropriator.

52,150

[Faint, mostly illegible text at the top of the page, possibly a header or introductory paragraph.]

Name	Age	Sex	Race	Religion	Marital Status	Occupation	Education	Other

[Faint text block, likely a description or narrative related to the table above.]



7-16571
257007

STATE OF MONTANA
County of Phillips

Filed for Record this 7th day of
Jan. 1923 at 3:10

at clock and duly Recorded in book
By *[Signature]*
County Recorder

Fee \$2.00 Return: Filed

[Faint text at the bottom right, possibly a footer or additional notes.]

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 22 N Rge. 28 E

[illegible]

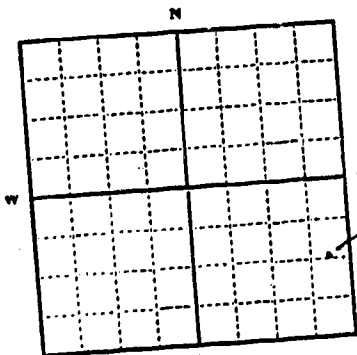
File No. _____
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 22^N R 18^E
County Phillips
RECEIVED
JAN 10 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

I, Lerie Cor, of Regina (Address) Regina (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 9 T 22 R 18
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 and ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gpm Artesian
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flows

7. The date of commencement and completion of the construction of, the well, wells, or other works for withdrawal of groundwater Record in Washington D.C. about 1919 don't remember exact date
8. The depth of water table 335 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 14" pipe
10. The estimated amount of groundwater withdrawn each year 394,200 gal
11. The log of formations encountered in the drilling of each well, if available Log was sent to Washington D.C. in 1920
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Lerie Cor
Date Dec 27-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29/98

Misc. # 15898

236926

Filed Dec 31, 1963.

at 8:57 A.M.

Fee \$ 2.00

R. V. Maloney

Clerk & Recorder

File No.

T. 22 N.R. 28 E.M.M.

DUPLICATE

County. Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

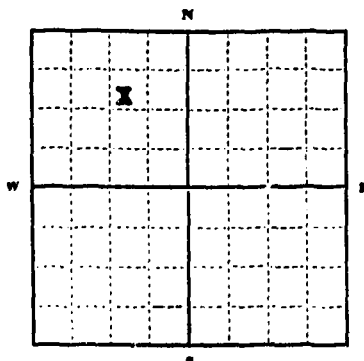
Declaration of Vested Groundwater Rights DEC 13 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. RAY D. ULRICH of REGINA
(Name of Appropriator) (Address) (Town)

County of PHILLIPS State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 12 T. 22 N. R. 28 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based DOMESTIC & LIVESTOCK USE.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring used since 1913; well used since 1915.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute for well; 2 gallons per minute for spring.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Spring flows into hole & fills the same. Well has electric pump located on top of well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well constructed in 1915. Spring is a natural formation.
8. The depth of water table Spring - surface. Well is 15 feet deep.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is curbed with cement; 4" x 4". Curbing covered on top by platform on which is located electric pump which is used to withdraw water from well.
10. The estimated amount of groundwater withdrawn each year Spring cannot be estimated. Well approximately 900,000 gallons.
11. The log of formations encountered in the drilling of each well if available Spring is on surface and log formation is unknown. Well log formation is dirt, clay, gravel, sand and water.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Ray D. Ulrich

Date December 11, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Misc 15508

226300

2111 FIVE

RECEIVED

State of Montana,
County of Phillips,

Filed for Record this 12 day
of Dec A. D. 1923 8:02
o'clock P.M. and duly recorded in Book
Page
Rosaline Malmgren
County Recorder

By
Fee
Return:

MONTANA WATER RESOURCES BOARD
RECEIVED

County PAULINE 12

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 17 1970

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Box Ulrich

Address Malta, Montana

Date well started October 5, 1970

completed November 14, 1970

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Cable drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 4.50 c.g.s. follows

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6	5" 12#	0	415			
5	4" 11#	393	895	5/32	745 815 865	800 865 895

N

W

E

S

S.E. 1/4 N.E. 1/4 Sec. 12
T. 22 N. R. 25 E

Static water level 230 ft.*
Pumping water level 270 ft.*
at 10 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by baller
for 4 hours.
Power electric Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	top soil
1	8	gravel and clay
8	430	dark shale bear paw
430	435	rock layer
435	640	dark shale
640	641	rock layer
641	645	dark shale
645	646	rock layer
646	663	dark shale
663	665	rock layer
665	672	sandy gray shale
672	674	rock layer
674	685	sandstone
685	687	rock layer
687	725	sandy gray shale
725	728	rock layer
728	745	gray shale
745	800	shaley sandstone
800	815	sandy gray shale
815	865	sandstone
865	866	rock layer
866	881	sandstone
881	895	gray shale

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address Box 906

Malta, Montana 59538

LICENSE NO. 15

895

Show exact depth of bottom

47917

Misc 16782

252355

Misc

RECEIVED
TO THE

Dec 15 day
P 10:00
filed

Rosalene M. Crowley

200
filed

GW 2

22 N 28 E 26 RCB

File No.

T. 22 N R. 28 E

DUPLICATE

County PHILLIPS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level.....)

2-6 Gravel
6-16 Gravel - some deep water
16-22 1/2 Shale
22-24 Sandy clay / firm
fine sand streaks
24-25 1/2 Shale
25-26 Hard fine rock
26-32 1/2 Shale
32-33 Hard rock
33-34 Shale
34-36 3/4 Sandy clay / sand
streaks
36-37 1/2 Hard fine sandstone
37-38 1/2 Clay
38-39 1/2 Clay / firm fine sand etc.
39-40 1/2 Hard sharp sand
40-42 1/2 Hard sand / fine rock
blow increased to 4 gal.
@ 399
42-43 1/2 Sharp sand
43-44 1/2 Hard sand rock
44-45 1/2 Sand / clay etc.

Owner: Bureau of Sand Management Address: Malta
Driller: Adair Water Well Drilling Address: Bladwin

Date of Notice of Appropriation of Groundwater

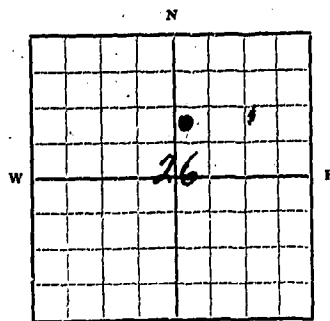
Date well started 7-30-62 Date Completed 8-2-62

Type of well Drilled Equipment Used Rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Well	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4 1/2	11"	1	423	6 1/4	395	423



SW 1/4 NE Sec. 26, T. 22 N. R. 28 E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

423

Show exact depth of bottom.

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well 10

Pumping Water Level.....feet at.....gal. per minute.

Discharge in gal. per min. of flowing well 7

How Tested..... Length of Test

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Bentonite, collar packer @ 18'

Driller's License Number 61

Elton Adairson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

2087

misc # 152812

232453

State of Montana, }
County of Phillips, }

Filed for Record this 12 day
of Sept. A. D. 1920
o'clock P. M. and duly Recorded in book

Page
Roseline M. Maloney County Recorder

By

Fee 42.00

Return

GW1

File No.

T. 22 N. R. 28 E

DUPLICATE

County Phillips

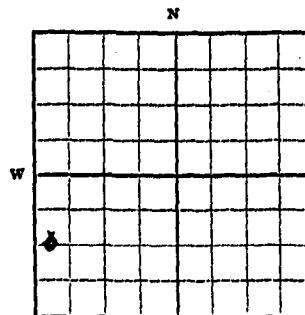
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
Project No. H-2-25
MAR 19 1962

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. I, Bureau of Land Management, of Malta
(Name of Appropriator) (Address) (Town)
County of Phillips, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
2. The beneficial use to which water is to be applied is stockwater
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed 20 gallons per minute
4. The annual period (inclusive dates) of intended use April to December
5. The probable or intended date of first beneficial use May 1962
6. The probable or intended date of commencement and completion of the well* or wells* May 1962
7. The location, type, size and depth of well or wells contemplated SW 1/4 Section 23
T. 22 N., R. 28 E. - flowing - 4" - 435'
8. The probable or estimated depth of the water table or artesian aquifer 300'
9. Name, address and license number of the driller engaged Adkison Water Well Drilling,
Glendive, Montana
10. Give such other similar information as may be useful in carrying out the policy of this act.....



SW 1/4 Sec. 23 - T22N R28E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator /s/ Chester E. Conard
Chester E. Conard, Acting Dir.
Date February 20, 1962 Manager

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1750

Miss # 15221

231153

State of Montana, } ss.
County of Phillips, }

Filed for Record this 15 day
of March A. D. 1962 at 2:30
o'clock P.M. and duly Recorded in book

By Rogers & Maloney Recorder

Fee \$2.00

Return

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 22 N Rgn. 24 E

[illegible]

File No. _____

DUPLICATE

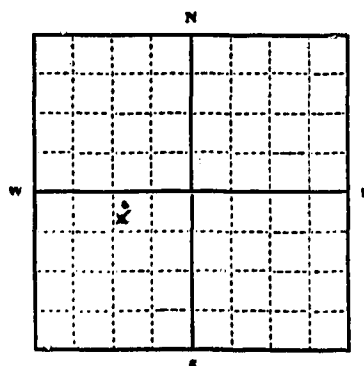
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 22 N. R. 29 E.
County Phillips
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. John Matovich, of Regina Malta
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW Sec. 1 T. 22 N. R. 29 E.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
April 29, 1959
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
ten gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
April 21, 1959 - April 29, 1959

8. The depth of water table 0 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of and other works for the withdrawal of groundwater.
8 to 13 ft. 4 1/2 inch steel pipe
pump down 40'

10. The estimated amount of groundwater withdrawn each year. 5,000,000 gallons

11. The log of formations encountered in the drilling of each well if available.
not found to 45' still 45' to 930' full of water

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

John Matovich
Date Dec 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

13643

Miss - 15631

226586

Filed: Dec. 26, 1963

At: 1:20 P.M.

For & d. . .

Rosalind Maloney

Ch. L. & R. W.

RECEIVED

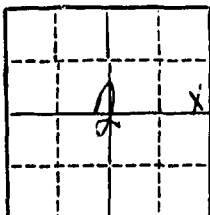
APR 28 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 22 R. 29 2
County Phillips

WATER WELL LOG



Owner John Matovich Address Regina Montana
Driller Claude & Ray Howard Address Mulla, Montana
Date Started April 21, 1959 Date Completed April 29, 1959
Location: Sec. 2 T. 22 R. 29 1/4 sec. SE NE

Type of well drilled (Dig, driven, bored, or drilled) Equipment used Rotary (Cable, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 930 ft. Type OD Size 4 1/2 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 475 to ft. 650 Ft. 700 to ft. 850

Type of screen or perforations 3/4 inch holes drilled

Static Water level, for non-flowing well: 0 (water comes to surface) feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 6.0 feet at 10 gal. per min.

How tested: pumped

Length of test: 5 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	2	Top soil
2	12	Gravel
12	459	Shale
459	460	Rock (7 inches)
460	462	Judith River formation
462	465	Rock (35 inches)
465	471	Judith River formation
471	472	Rock (8 inches)
472	489	Judith River formation
489	493	Rock (47 inches)
493	496	Judith River formation
496	498	Rock (18 inches)
498	513	Judith River formation
513	514	Rock (6 inches)
514	563	Judith River formation
563	564	Rock (8 inches)
564	652	Judith River formation
652	653	Rock (7 inches)
653	660	Judith River formation
660	661	Rock (10 inches)
661	706	Judith River formation
706	708	Rock (22 inches)
708	740	Judith River formation
740	741	Rock (5 inches)
741	822	Judith River formation
822	823	Rock (4 inches)

Depth, feet		Description of Material Drilled
From	To	
823	869	Judith River formation
869	871	Rock (27 inches)
871	905	Judith River formation
905	908	Rock (36 inches)
908	930	Judith River formation

228162

State of Montana,
County of Phillips, } ss.
Filed for Record this 27th day
of July, A. D. 1957 at 5:00
o'clock P.M. and duly Recorded in Book
Page 1 of 1
Book 100
County Recorder
Fee.....
Return:.....

223102

Ymme. E 14908

65

Approved Stock Form—State Publishing Co., Helena, Montana—47234

File No. _____

T. 22^N R. 29^E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

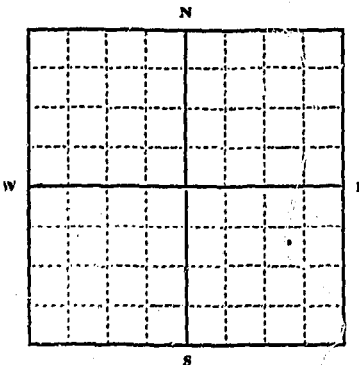
RECEIVED
DEC 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John Matovich, of Regina Malta
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE Sec. 2 T. 22 N. R. 29 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water and home use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 15, 1946
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
August 29, 1946 to October 15, 1946
8. The depth of water table 20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Casing 6 5/8 inch 230 feet 4 1/4 inch steel casing 230 feet to 1070 feet screw joint 3 1/4 inch S. and S.
10. The estimated amount of groundwater withdrawn each year 3,000,000 gallons
11. The log of formations encountered in the drilling of each well if available
0 to 12 feet Brown clay, 12 feet to 548 feet shale 548 feet to 1070 feet fossiliferous formation
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

John Matovich
Date Dec 24, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13642

Misc # 15630

236585

Filed: Dec. 26, 1963
At: 1:15 P.M.
File # 2, " "

Rosalind W. Maloney
Clark & Recorder

GROUNDWATER INDEX

Page / of /

County Phillips Twp. 22 N Rge. 30 E

[illegible]

GV.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 22^N R. 30^E
County Phillips

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

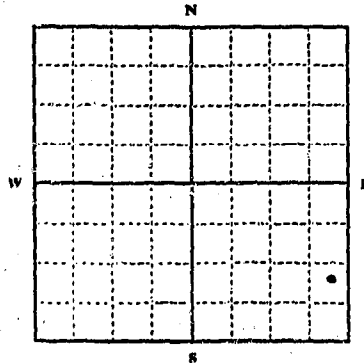
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John Malovich, of Regina Malta
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 7 T. 22 N. R. 30 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 15, 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 1/2 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Flowing well completed May 18, 1960 drilled 700 ft. 4 1/2 gallons per minute

8. The depth of water table _____

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 0 feet to 9.5 feet 4 inch steel casing

10. The estimated amount of groundwater withdrawn each year 2,330,000 gallons

11. The log of formations encountered in the drilling of each well if available 0 feet to 12 feet sandstone, shale, & bedrock

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner

Date Dec 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13640

Miss # 15628

226583

Filed: Dec. 26, 1963
At: 1:05 P.M.
Fee \$2.00

Rosaline W. Maloney

RECEIVED 12/30

G.

File No. _____

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—4224

T. 22 N. R. 30 E. 9
County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

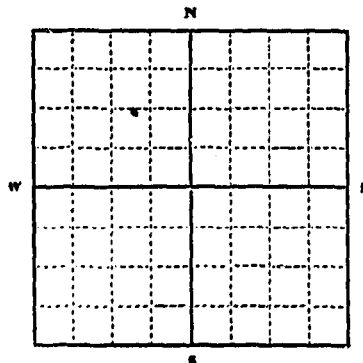
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John Matovich of Regina Malta
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SE Sec. 9 T22 R30

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based. stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. April 23, 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 4 1/2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. flowing well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April 14, 1960 to April 23, 1960
8. The depth of water table. flowing well
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4 1/2 inch O.D. casing 8 ft. to 8.50 feet
10. The estimated amount of groundwater withdrawn each year. 2,330,000 gallons
11. The log of formations encountered in the drilling of each well if available. 0 feet to 21 feet brown clay 21 feet to 5 1/2 feet shale 5 1/2 feet to 8.50 feet river formation
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including references to book and page of any county record.

Signature of Owner

John Matovich
Date Dec. 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13639

Misc # 15627

236582

Filed: Dec. 26, 1963

At: 1:00 P.M.

Fee \$ 2.00

Rosalind M. Maloney
Clerk & Recorder

08-38-158-80

File No. _____

DUPLICATE

T. 22N 30E
County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

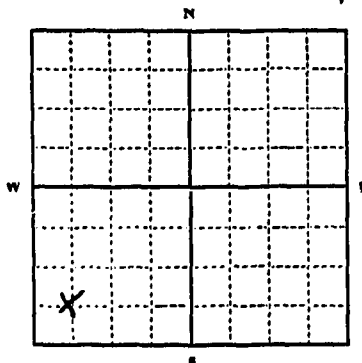
RECEIVED
JAN 10 1966

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Matorich Bros. of Regina
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ Sec 12, T22R30.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock
3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1943 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free flowing well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1943.
8. The depth of water table 20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 800 ft deep 4 in steel casing.
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available 1,052,300 gallons not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Martin Matorich

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29/86

Misc. # 15886
236914

Filed Dec 31, 1963
at 8:45 A.M.
Fee \$ 2.00

R. V. Maloney
Clerk & Recorder

CV

may be
Matovich Ranch well

Indian Lake

Approved Stock Form—State Publishing Co., Helena, Montana—2214

File No. _____

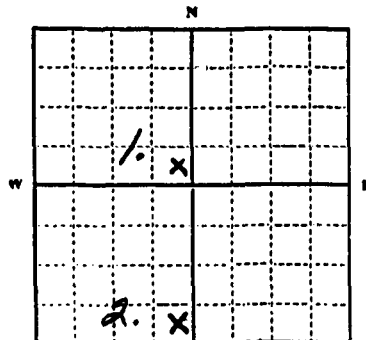
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 22N. 30E.
County Phillips
RECEIVED
JAN 10 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Matovich Bros of Regina
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1. SE SE NW 14-22-30.
SE SE 1/4 Sec. 14 T. 22 R. 30.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock
Domestic & stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1. 1944 Continuous
2. 1945 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1. 2 gal per min
2 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1st: self-flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1. 1944 summer
2. 1945
8. The depth of water table 1. 20 ft 2. 20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1. Drilled 4 in steel casing
820 ft deep 2. Drilled 4 in steel casing
850 ft deep
10. The estimated amount of groundwater withdrawn each year 1. 2,000,000 gal
2. 1,052,300 gal
11. The log of formations encountered in the drilling of each well if available
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date Dec 30, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

2915

Miss ^{#15885} 236913

Filed Dec 31, 1963.

at 8:44 A.M.

Fee \$ 2.00

R.V. Maloney

Clerk & Recorder

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 21 N Rge. 24 E

[illegible]

File No.

T. 21 N. R. 24 E.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Phillips
Charles M. Russell National
Wildlife Refuge, Fergus County,
Lewistown, Montana

JAN 10 1964

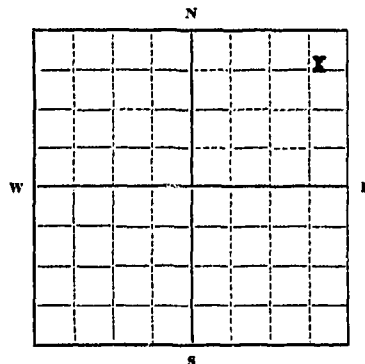
Declaration of Vested Groundwater Rights

The United States of America
By J.T. Barnaby, Acting Regional Director
Bureau of Sport Fisheries and Wildlife
Fish and Wildlife Service, Dept. of the Interior

STATE ENGINEER

1. (Name of Appropriator) of 1002 E. E. Holladay St., Portland
(Address) (Town)

County of Multnomah State of Oregon
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 1, T. 21 N. R. 24 E.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

Army Lands Tract #7

2. The beneficial use on which the claim is based. Domestic and
livestock and wildlife watering

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. This well was drilled by R. C.
Simpson, April 21, 1948. Continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 33 gals. per minute free flowing, on
pump approximately 500 gals. per minute.

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Not used for irrigation. Waterford display pools
located in the NE 1/4, Sec. 1, T. 21 N. R. 24 E.

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.
See statement above. Well is free flowing.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Only the date of completion is known which is April 21, 1948.

8. The depth of water table. No information is available on formations found during drilling.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. Total depth of well 330 feet with 104 feet of 4"
casing in place.

10. The estimated amount of groundwater withdrawn each year. 53 acre feet.

11. The log of formations encountered in the drilling of each well if available. Unknown.
The well was started in the upper 60 feet of the Judith River formation.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

original signed by
Signature of Owner J. T. Barnaby
J. T. Barnaby, Acting Regional Director
Date December 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

29144

File # 15844

236822

Filed: Dec. 30, 1963
at: 4:13 P.M.
File # 2.00

Rosaline M. Main
Clerk & Recorder

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 21 N Rge. 27 E

[illegible]

GW 2

Dry Creek 21N27E19C

Approved Stock Form—State Publishing Co., Helena, Montana—3931

File No.

T. 21N R. 27E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOV 13 1963

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Larry J. D. Cattle Co. Address Fort Union Mont.
Driller Elton Addison Address Blendenburg Mont.

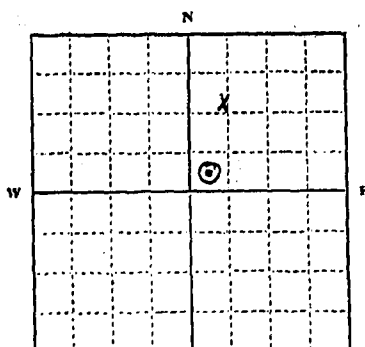
Date of Notice of Appropriation of Groundwater.....

Date well started 10-24-63 Date Completed 10-28-63Type of well Drilled Equipment Used Rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

0-6 Lumber
6-13 Gravel & sand
13-24 Blk. shale
24-32 243 Stks. hard sandstone
32-44 284 Hard sandy limestone
44-59 276 Silty sh.
59-80 Hard & hard sandstone
80-317 Lignite sh. w/ thin hard stringers
317-319 X-hard rock
319-358 Black sh.
358-377 Lignite sh. w/ firm sandstone
377-379 br. clay
379-393 firm sandstone
393-395 Shale rock
395-399 Hard limestone
399-403 med. soft sandstone
403-405 Hard sandstone
405-419 Med. soft sandstone w/ hard sand stringers
419-436 Blk. sh.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4 1/2 X 11#	0	90	4" x 36"	265	278
4 3/4"	2' std.	90	436	4" x 36"	295	415



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well 26"

Pumping Water Level.....feet at.....gal. per minute.

Discharge in gal. per min. of flowing well 3.9 gal.

How Tested.....Length of Test.....

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Packer Set @ 330 + 90'

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

7002

Miss. 15450

225885

State of Montana, }
County of Phillips, }

Filed for Record this 12 day
of Nov. A. D. 1963 at 3:45
o'clock P.M. and duly Recorded in book

By Rosalene W. Maloney, Recorder

Fee \$ 2.00

Return.....

GW1

21N27E4.DRA

File No.

T. 21 N. R. 27 E.

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

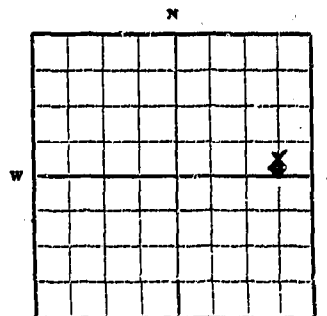
Nichols Coulee Well
Project No. M-3-253

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
MAR 19 1962

STATE ENGINEER

- I, Bureau of Land Management, of Malta,
(Name of Appropriator) (Address) (Town)
County of Phillips, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is stockwater
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 20 gallons per minute
- The annual period (inclusive dates) of intended use April to December
- The probable or intended date of first beneficial use May 1962
- The probable or intended date of commencement and completion of the well* or wells* May 1962
- The location, type, size and depth of well or wells contemplated Sec. 4, T. 21 N., R. 27 E.
flowing - 4" - 600'
- The probable or estimated depth of the water table or artesian aquifer 500'
- Name, address and license number of the driller engaged Adelson Water Well Drilling,
Glendive, Montana
- Give such other similar information as may be useful in carrying out the policy of this act



NE 1/4 Sec. 4 T21N R 27E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator /s/ Chester E. Conard
Chester E. Conard Acting District
Date February 20, 1962 Manager

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

175

Miss # 15220

231152

State of Montana,
County of Phillips,

} ss.

Filed for Record this 15..... day
of March A. D. 1925 at 2:05
o'clock P. M. and duly Recorded in book

Page..... of.....

Rosalene W. Henry recorder

By.....

File # 200

Return.....

GW 2

File No.

DUPLICATE

T 21N R 27E

County PHILLIPS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
SEP 12 1962Notice of Completion of Groundwater
Appropriation by Means of Well STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner BUTLER & SONS MANAGEMENT MALTA, MONT.

Driller ADKISON WATER WORKS Address GLENDALE

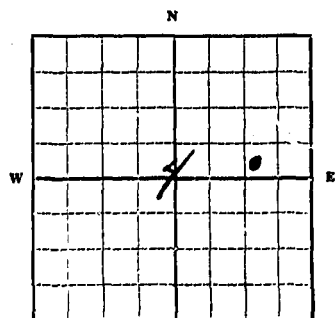
Date of Notice of Appropriation of Groundwater

Date well started 7-3-62 Date Completed 7-14-62

Type of well drilled Equipment Used Rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/8	4 1/2 11"	-1	538	1/2 hole	492	538



SE 1/4 NE Sec. 4 T. 21N R. 27E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

538'

Show exact depth of bottom.

Static Water Level for non-flowing Well feet.

Shut-in Pressure for Flowing Well 33 ft

Pumping Water Level feet at gal. per minute.

Discharge in gal. per min. of flowing well 6

How Tested Length of Test

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Cement & bentonite to 18'

Driller's License Number 61

Driller's Signature Elton Adkison

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

2086

misc # 15280

232452

State of Montana, } ss.
County of Phillips,

Filed for Record this 12 day
of Sept. A. D. 1942 at 9:15
o'clock A. M. and duly Recorded in book

Page of
Rosaline M. Matney Recorder

By

Fee \$ 2.00

Returns

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 21 N Rge. 29 E

[illegible]

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

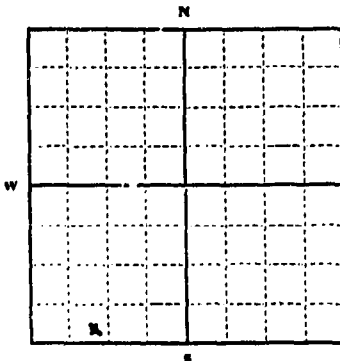
LOCHER RANCH
T. 21 N. R. 29 E.
County Phillips
JAN 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Frank Lock, of Malta
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 1, T. 21 R. 29

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based: House, barn, stock, garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Aug. 18, 1944
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 1/3 gal/min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 5 acres garden & corn, see lot 2 Frank Lock
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: natural flow & Jensen pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 27, 1944 - Aug. 18, 1944
pipe to house, etc. July 1959
8. The depth of water table: 740 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6-8 feet 4" pipe
6-5 feet 2"
1-20 " 2"
10. The estimated amount of groundwater withdrawn each year: 700,000 flow estimated 20,000,000 (Pumped)
11. The log of formations encountered in the drilling of each well if available: 0-50 Clay, Gravel, Shale
50-300 Gray Shale
300-308 Shale rock + white Gray Shale
308-468 Gray Shale
468-475 Rock
475-560 Gray Shale
560-580 Sandstone
580-595 Gray Shale
595-633 Tan Sandy Shale
633-635 Rock
635-740 Shale with layers of Sandstone
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner

Date 12-28-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29135